

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 19:54
S2	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 20:03
S3	1738	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:46
S4	55	S3 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:47
S5	117	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:47
S6	67	S3 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:47
S7	297395	S3 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:47
S8	124	S3 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:47
S9	217	S3 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:47
S10	54	S3 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:48
S11	12	S3 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:48

S12	85	S3 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:48
S13	4	S3 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:48
S14	91	S3 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:49
S15	42	S14 and (S9 or S10 or S12 or S13)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:49
S16	16	S15 and S4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/04/27 21:50
S17	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S18	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S19	1806	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S20	59	S19 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S21	118	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S22	70	S19 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S23	306638	S19 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55

S24	132	S19 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S25	225	S19 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S26	56	S19 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S27	13	S19 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S28	94	S19 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S29	4	S19 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S30	101	S19 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S31	46	S30 and (S25 or S26 or S28 or S29)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S32	17	S31 and S20	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:55
S33	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S34	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S35	1806	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56

S36	59	S19 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S37	118	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S38	70	S19 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S39	306638	S19 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S40	132	S19 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S41	225	S19 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S42	56	S19 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S43	13	S19 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S44	94	S19 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S45	4	S19 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S46	101	S19 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S47	46	S30 and (S25 or S26 or S28 or S29)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56
S48	17	S31 and S20	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 14:56

S49	11861	quick adj connect	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 15:18
S50	2348	S49 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 15:18
S51	156	S50 and "one hand"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 15:18
S52	26	S51 and expand	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 15:18
S53	213	81/453.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 15:40
S54	1	"5800179".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 18:07
S55	2	"1889330".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/23 18:22
S56	5	ultrasonic adj position adj determination	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2008/11/24 09:52
S57	1842	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 19:33
S58	84	S57 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 19:34
S59	14	S58 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 19:34
S60	16	S58 and grasp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 19:36
S61	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31

S62	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S63	1842	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S64	60	S63 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S65	118	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S66	73	S63 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S67	310729	S63 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S68	135	S63 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S69	232	S63 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S70	58	S63 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S71	14	S63 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S72	101	S63 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S73	4	S63 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S74	107	S63 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31

S75	49	S74 and (S69 or S70 or S72 or S73)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S76	18	S75 and S64	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S77	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S78	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S79	1842	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S80	60	S79 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S81	118	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S82	73	S79 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S83	310729	S79 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S84	135	S79 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S85	232	S79 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S86	58	S79 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S87	14	S79 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31

S88	101	S79 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S89	4	S79 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S90	107	S79 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S91	49	S90 and (S85 or S86 or S88 or S89)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S92	18	S91 and S80	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S93	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S94	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S95	1842	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S96	60	S79 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S97	118	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S98	73	S79 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S99	310729	S79 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S100	135	S79 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31



S101	232	S79 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S102	58	S79 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S103	14	S79 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S104	101	S79 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S105	4	S79 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S106	107	S79 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S107	49	S90 and (S85 or S86 or S88 or S89)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S108	18	S91 and S80	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S109	12089	quick adj connect	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S110	2387	S109 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S111	162	S110 and "one hand"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S112	28	S111 and expand	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S113	214	81/453.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31

S114	1	"5800179".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S115	2	"1889330".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S116	5	ultrasonic adj position adj determination	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S117	1842	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S118	84	S117 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S119	14	S118 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S120	16	S118 and grasp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/02/22 23:31
S121	9	((("4750888") or ("5269687") or ("5888074") or ("4034484") or ("4276030") or ("4846686") or ("5015189") or ("5131848") or ("5597359")).PN.	USPAT; USOCR	OR	OFF	2009/02/25 12:01
S122	783	(434/29,65,69,350).CCLS.	USPAT; USOCR	OR	OFF	2009/02/25 12:02
S123	1392	(434/262-275).CCLS.	USPAT; USOCR	OR	OFF	2009/09/02 10:30
S124	8	S123 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 10:30
S125	2	"657079".ap.	US-PGPUB	OR	OFF	2009/09/02 10:46
S126	1	"5882206".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 10:51

S127	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S128	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S129	1903	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S130	66	S129 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S131	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S132	75	S129 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S133	319304	S129 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S134	143	S129 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S135	246	S129 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S136	60	S129 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S137	14	S129 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S138	110	S129 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40

S139	4	S129 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S140	117	S129 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S141	54	S140 and (S135 or S136 or S138 or S139)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S142	21	S141 and S130	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S143	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S144	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S145	1903	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S146	66	S145 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S147	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S148	75	S145 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S149	319304	S145 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S150	143	S145 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40

S151	246	S145 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S152	60	S145 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S153	14	S145 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S154	110	S145 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S155	4	S145 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S156	117	S145 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S157	54	S156 and (S151 or S152 or S154 or S155)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S158	21	S157 and S146	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S159	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S160	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S161	1903	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S162	66	S145 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S163	122	434/401 ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40

S164	75	S145 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S165	319304	S145 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S166	143	S145 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S167	246	S145 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S168	60	S145 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S169	14	S145 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S170	110	S145 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S171	4	S145 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S172	117	S145 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S173	54	S156 and (S151 or S152 or S154 or S155)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S174	21	S157 and S146	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S175	12591	quick adj connect	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S176	2488	S175 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40

S177	167	S176 and "one hand"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S178	30	S177 and expand	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S179	215	81/453.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S180	1	"5800179".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S181	2	"1889330".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S182	6	ultrasonic adj position adj determination	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S183	1903	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S184	90	S183 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S185	17	S184 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S186	18	S184 and grasp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S187	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S188	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S189	1903	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40

S190	66	S189 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S191	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S192	75	S189 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S193	319304	S189 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S194	143	S189 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S195	246	S189 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S196	60	S189 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S197	14	S189 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S198	110	S189 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S199	4	S189 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S200	117	S189 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S201	54	S200 and (S195 or S196 or S198 or S199)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S202	21	S201 and S190	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40



S203	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S204	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S205	1903	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S206	66	S205 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S207	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S208	75	S205 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S209	319304	S205 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S210	143	S205 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S211	246	S205 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S212	60	S205 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S213	14	S205 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S214	110	S205 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S215	4	S205 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40

S216	117	S205 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S217	54	S216 and (S211 or S212 or S214 or S215)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S218	21	S217 and S206	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S219	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S220	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S221	1903	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S222	66	S205 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S223	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S224	75	S205 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S225	319304	S205 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S226	143	S205 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S227	246	S205 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S228	60	S205 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40

S229	14	S205 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S230	110	S205 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S231	4	S205 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S232	117	S205 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S233	54	S216 and (S211 or S212 or S214 or S215)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S234	21	S217 and S206	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S235	12591	quick adj connect	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S236	2488	S235 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S237	167	S236 and "one hand"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S238	30	S237 and expand	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S239	215	81/453.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S240	1	"5800179".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S241	2	"1889330".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40

S242	6	ultrasonic adj position adj determination	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S243	1903	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S244	90	S243 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S245	17	S244 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S246	18	S244 and grasp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S247	9	((("4750888") or ("5269687") or ("5888074") or ("4034484") or ("4276030") or ("4846686") or ("5015189") or ("5131848") or ("5597359")).PN.	USPAT; USOCR	OR	OFF	2009/09/02 12:40
S248	793	(434/29,65,69,350).CCLS.	USPAT; USOCR	OR	OFF	2009/09/02 12:40
S249	1392	(434/262-275).CCLS.	USPAT; USOCR	OR	OFF	2009/09/02 12:40
S250	8	S249 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S251	2	"657079".ap.	US-PGPUB	OR	OFF	2009/09/02 12:40
S252	1	"5882206".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/09/02 12:40
S253	9	"237969".ap.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/12/28 18:32
S254	15	434/262-275.ccls. and alexander.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/12/28 18:43

S255	1	"5821920".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2009/12/28 19:39
S256	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S257	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S258	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S259	68	S258 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S260	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S261	75	S258 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S262	325209	S258 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S263	150	S258 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S264	255	S258 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S265	61	S258 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S266	14	S258 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S267	121	S258 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S268	5	S258 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S269	120	S258 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S270	56	S269 and (S264 or S265 or S267 or S268)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S271	22	S270 and S259	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S272	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S273	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S274	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S275	68	S274 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S276	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S277	75	S274 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S278	325209	S274 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S279	150	S274 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S280	255	S274 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S281	61	S274 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S282	14	S274 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S283	121	S274 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S284	5	S274 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S285	120	S274 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S286	56	S285 and (S280 or S281 or S283 or S284)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S287	22	S286 and S275	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S288	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S289	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S290	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S291	68	S274 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S292	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S293	75	S274 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S294	325209	S274 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S295	150	S274 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S296	255	S274 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S297	61	S274 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S298	14	S274 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S299	121	S274 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S300	5	S274 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S301	120	S274 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S302	56	S285 and (S280 or S281 or S283 or S284)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S303	22	S286 and S275	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S304	12935	quick adj connect	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S305	2553	S304 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44



S306	171	S305 and "one hand"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S307	31	S306 and expand	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S308	215	81/453.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S309	1	"5800179".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S310	2	"1889330".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S311	6	ultrasonic adj position adj determination	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S312	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S313	94	S312 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S314	17	S313 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S315	19	S313 and grasp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S316	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S317	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S318	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S319	68	S318 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S320	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S321	75	S318 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S322	325209	S318 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S323	150	S318 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S324	255	S318 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S325	61	S318 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S326	14	S318 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S327	121	S318 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S328	5	S318 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S329	120	S318 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S330	56	S329 and (S324 or S325 or S327 or S328)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S331	22	S330 and S319	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S332	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S333	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S334	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S335	68	S334 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S336	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S337	75	S334 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S338	325209	S334 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S339	150	S334 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S340	255	S334 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S341	61	S334 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S342	14	S334 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S343	121	S334 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S344	5	S334 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S345	120	S334 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S346	56	S345 and (S340 or S341 or S343 or S344)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S347	22	S346 and S335	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S348	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S349	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S350	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S351	68	S334 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S352	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S353	75	S334 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S354	325209	S334 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S355	150	S334 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S356	255	S334 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S357	61	S334 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S358	14	S334 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S359	121	S334 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S360	5	S334 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S361	120	S334 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S362	56	S345 and (S340 or S341 or S343 or S344)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S363	22	S346 and S335	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S364	12935	quick adj connect	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S365	2553	S364 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S366	171	S365 and "one hand"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S367	31	S366 and expand	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S368	215	81/453.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S369	1	"5800179".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S370	2	"1889330".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S371	6	ultrasonic adj position adj determination	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S372	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S373	94	S372 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S374	17	S373 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S375	19	S373 and grasp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S376	9	((("4750888") or ("5269687") or ("5888074") or ("4034484") or ("4846686") or ("5015189") or ("5131848") or ("5597359")).PN.	USPAT; USOCR	OR	OFF	2010/01/08 12:44
S377	800	(434/29,65,69,350).CCLS.	USPAT; USOCR	OR	OFF	2010/01/08 12:44
S378	1399	(434/262-275).CCLS.	USPAT; USOCR	OR	OFF	2010/01/08 12:44
S379	8	S378 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S380	2	"657079".ap.	US-PGPUB	OR	OFF	2010/01/08 12:44
S381	1	"5882206".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S382	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S383	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S384	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S385	68	S384 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S386	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S387	75	S384 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S388	325209	S384 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S389	150	S384 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S390	255	S384 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S391	61	S384 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S392	14	S384 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S393	121	S384 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S394	5	S384 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S395	120	S384 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S396	56	S395 and (S390 or S391 or S393 or S394)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S397	22	S396 and S385	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S398	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S399	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S400	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S401	68	S400 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S402	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S403	75	S400 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S404	325209	S400 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S405	150	S400 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S406	255	S400 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S407	61	S400 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S408	14	S400 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S409	121	S400 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44



S410	5	S400 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S411	120	S400 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S412	56	S411 and (S406 or S407 or S409 or S410)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S413	22	S412 and S401	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S414	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S415	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S416	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S417	68	S400 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S418	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S419	75	S400 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S420	325209	S400 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S421	150	S400 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S422	255	S400 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S423	61	S400 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S424	14	S400 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S425	121	S400 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S426	5	S400 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S427	120	S400 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S428	56	S411 and (S406 or S407 or S409 or S410)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S429	22	S412 and S401	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S430	12935	quick adj connect	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S431	2553	S430 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S432	171	S431 and "one hand"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S433	31	S432 and expand	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S434	215	81/453.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S435	1	"5800179".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S436	2	"1889330".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S437	6	ultrasonic adj position adj determination	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S438	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S439	94	S438 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S440	17	S439 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S441	19	S439 and grasp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S442	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S443	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S444	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S445	68	S444 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S446	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S447	75	S444 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S448	325209	S444 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S449	150	S444 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S450	255	S444 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S451	61	S444 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S452	14	S444 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S453	121	S444 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S454	5	S444 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S455	120	S444 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S456	56	S455 and (S450 or S451 or S453 or S454)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S457	22	S456 and S445	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S458	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S459	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S460	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S461	68	S460 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S462	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S463	75	S460 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S464	325209	S460 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S465	150	S460 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S466	255	S460 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S467	61	S460 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S468	14	S460 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S469	121	S460 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S470	5	S460 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S471	120	S460 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S472	56	S471 and (S466 or S467 or S469 or S470)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S473	22	S472 and S461	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S474	1	"4955654".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S475	1	"5805140".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S476	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S477	68	S460 and sensor and "force feedback" and medical	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S478	122	434/401.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S479	75	S460 and bellows	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S480	325209	S460 and grip\$4 or grasp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S481	150	S460 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S482	255	S460 and clamp\$4	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S483	61	S460 and pulley	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S484	14	S460 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S485	121	S460 and capture	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S486	5	S460 and "capture mechanism"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S487	120	S460 and actuator	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S488	56	S471 and (S466 or S467 or S469 or S470)	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S489	22	S472 and S461	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S490	12935	quick adj connect	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S491	2553	S490 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S492	171	S491 and "one hand"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S493	31	S492 and expand	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S494	215	81/453.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S495	1	"5800179".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S496	2	"1889330".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S497	6	ultrasonic adj position adj determination	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S498	1953	434/262-275.ccls.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S499	94	S498 and "force feedback"	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S500	17	S499 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44

S501	19	S499 and grasp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S502	9	((("4750888") or ("5269687") or ("5888074") or ("4034484") or ("4276030") or ("4846686") or ("5015189") or ("5131848") or ("5597359"))).PN.	USPAT; USOCR	OR	OFF	2010/01/08 12:44
S503	800	(434/29,65,69,350).CCLS.	USPAT; USOCR	OR	OFF	2010/01/08 12:44
S504	1399	(434/262-275).CCLS.	USPAT; USOCR	OR	OFF	2010/01/08 12:44
S505	8	S504 and bailey.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S506	2	"657079".ap.	US-PGPUB	OR	OFF	2010/01/08 12:44
S507	1	"5882206".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S508	9	"237969".ap.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S509	15	434/262-275.ccls. and alexander.in.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S510	1	"5821920".pn.	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 12:44
S511	8190	((403/322.3,321-330,279- 280,273,282) or (705/7,11)). CCLS.	USPAT; USOCR	OR	OFF	2010/01/08 13:16
S512	628	S511 and clamp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 13:17
S513	150	S511 and grasp	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 13:17
S514	59	S512 and jaws	US-PGPUB; USPAT; USOCR; FPRS	OR	OFF	2010/01/08 13:17



**1/ 13/ 2010 12:41:50 PM**

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